

ABSTRACT

A tilt sensor 23 is provided on a CD optical pickup 11, and a sub-chassis 24 and a height adjustment mechanism 25 and the like are provided for adjusting the tilt of a DVD optical pickup 12. A recording or reproduction position is read in by the DVD optical pickup 12 while moving the CD optical pickup 11 and the DVD optical pickup 12 along guide shafts 18 and 26 respectively, the amount of tilt of the optical disk 16 at this position is detected by the tilt sensor 23 of the CD optical pickup 11, the tilt of the laser light axis from the DVD optical pickup 12 is adjusted in accordance with the amount of tilt that is detected, and the amount of tilt of the optical disk 16 is corrected.